



Pushpanjali

Research Associate



Bangalore, India



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About me

- Total 3.5 years work experience
- A versatile Biotechnology post graduate with specialization in plants
- Recognized for smart handling of instruments and accuracy in measurement

Skills

NGS Library Preparation

Sanger Sequencing

PCR

RAPD, SNP, Allele Specific, AFLP

Tissue Culture

DNA, RNA, Plasmid Isolation

Objective

Learn new things every day and simultaneously add value to the organization. Seeking long term growth in a position where I can utilize my extensive expertise for mutual growth.

Experience

2021-2022 *MedGenome Labs Limited*

Full Time

Currently responsible for the followings:

- Performing NGS based wet lab process for PGT and NIPT from isolation to setting up of the sequence run
- Handling of NextSeq and MiSeq
- Handling of Hamilton for NIPT samples processing
- Processing of PGT-M samples through NGS and Sanger based technique

2018-2021 *Biokart India Private Limited, Bangalore*

Full Time

The responsibilities included:

- Experience in *NGS Library Preparation (Illumina Platform)*
- Performing entire *Sanger Sequencing* which include *QC of sample, PCR, Purification* (column/gel extraction), Loading Samples into the sequencer, *Gel Electrophoresis, Sequence Analysis*
- *DNA & RNA extraction* from various samples including human ones
- SOPs manual preparation and Data/Report submission to the clients
- Preparation of *PCR purification kit* and *DNA extraction kit*
- Query resolution & reaching out to clients for specific requirements

2017-2018 *Banaras Hindu University*

Project

- Did morphological and biochemical characterization of cellulolytic enzyme by *Aspergillus niger* from humus of paddy field
- Collected various *morphological readings* and examined *cellulase activity* of cellulolytic enzyme by *Aspergillus niger* at various temperature, incubation period and nitrogen sources.

Education

2016-2018 Masters

Banaras Hindu University

Completed Master of Science degree in Biotechnology with overall GPA of 8.05

2013-2016 Bachelors

Patna Science Collage

Completed Bachelors of Science degree in Biotechnology with distinction

2010-2012 Senior Secondary

DAV Public School

Obtained 75% with Physics, Chemistry, Biology, English and Physical Education

Other Information

- Proficient in English, Hindi and Maithili
- Avid supporter of environmental conservation
- An excellent cook and love cooking